

25. (Amended) A method for filtering nonlinear distortion in a signal communicated from a transmitter to a receiver via a communication path, comprising the steps of:

filtering said signal at the transmitter to accentuate the signal magnitude of the transmitted signal at a predetermined fixed frequency where said nonlinear distortion is expected to occur, without substantially affecting the signal magnitude of the transmitted signal at frequencies where said nonlinear distortion is not expected to occur;

communicating the accentuated signal to said receiver; and

re-filtering the accentuated signal at said receiver to attenuate the signal magnitude at said fixed frequency.

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29. (Amended) Apparatus for filtering nonlinear distortion in a signal communicated from a transmitter to a receiver via a communication path, comprising:

a first filter at the transmitter to provide a transmitted signal having an accentuated magnitude at a fixed frequency where said nonlinear distortion is expected to occur, said filter not substantially affecting the signal magnitude of the transmitted signal at frequencies where said nonlinear distortion is not expected to occur; and

a second filter at the receiver adapted to re-filter the accentuated signal to attenuate the signal magnitude at said fixed frequency.